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**UTILITY
PATENT APPLICATION
TRANSMITTAL**

(Only for new non-provisional applications under 37 CFR 1.53(b))

Attorney Docket No. 39035/2

First Inventor or Application Identifier: Richard M. Aydelott, et al.

Title of Invention: METHOD AND APPARATUS FOR ORIENTING A CRYSTALLINE BODY DURING RADIATION DIFFRACTOMETRY

Express Mail Label No. EL 910634775 US

ADDRESS TO: **BOX PATENT APPLICATION
COMMISSIONER FOR PATENTS
WASHINGTON, DC 20231**

October 25, 2001

Transmitted herewith for filing in the United States Patent Office is a patent application for:

Inventors: **Richard M. Aydelott**, Ridgefield, Washington
Mark E. Secrest, Vancouver, Washington

Assignee of this invention is **SEH America, Inc.**, Vancouver, Washington

1. The Filing Fee has been calculated as shown below:
2. Applicant claims Small Entity Status. See 37 CFR 1.27.

No. Filed	No. Extra	Small Entity Rate	Fee 0	Large Entity Rate	Fee 1
BASIC FEE			\$0		\$740
TOTAL CLAIMS: 29 - 20 =	9	X 9 = \$0		x 18 = \$162	
INDEP CLAIMS: 5 - 3 =	2	X 42 = \$0		x 84 = \$168	
[<input type="checkbox"/>] MULTIPLE DEPENDENT CLAIMS PRESENTED		+140 = \$		+280 = \$	
*If the difference in Column 1 is less than zero, enter "0" in Column 2.		TOTAL \$		TOTAL \$ 1070	

The Commissioner is hereby authorized to credit overpayments or charge the following fees to Deposit Acct. No. 16-0605.

- a. Fees required under 37 CFR 1.16 (National filing fees).
- b. Fees required under 37 CFR 1.17 (National application processing fees).
- A check in the amount of \$ 1,070.00 for the filing fee is enclosed.
- The above filing fee will be paid along with Applicant(s) Response to the Notice to File Missing Parts.
3. Specification; Total Pages 27
4. 6 Sheets of Formal Drawing(s) (35 USC 113)
5. Declaration and Power of Attorney; [Total Pages 3]
 - a. Newly executed (original or copy)
 - b. Copy from a prior application (37 CFR 1.63(d))
(for continuation/divisional with Box 18 completed)
 - i. DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) & 1.33(b).
6. Application Data Sheet. See 37 CFR 1.76
7. CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)

FEDERAL TRADE COMMISSION

8. Nucleotide and/ Amino Acid Sequence Submission (if applicable) necessary)
- a. Computer Readable Copy (CRF)
 - b. Request for Transfer of Computer Readable Form of Sequence Listing under 37 CFR § 1.821(e) and MPEP 2422.05 (must be compliant with new rules)
 - c. Specification Sequence Listing on:
 - i. CD-ROM or CD-R (2 copies); or
 - ii. Paper (Pages)
 - d. Statement verifying identity of above copies

ACCOMPANYING APPLICATION PARTS

9. Assignment Papers (cover sheet & document(s) (including a check for the \$40.00 fee)
10. 37 CFR 3.73(b) Statement (*when there is an assignee*); Power of Attorney
11. English Translation Document (*if applicable*)
12. Information Disclosure Statement (IDS)/PTO-1449; 16 Copies of IDS Citations
13. Preliminary Amendment
14. Return Receipt Postcard (MPEP 503) (*Should be specifically itemized*)
15. Certified Copy of Priority Document(s) (*if foreign priority is claimed*)
 Foreign Priority is claimed as Application No. , filed
16. Non-publication Request under 35 U.S.C. 122(b)(2)(B)(i).
Applicant must attach form PTO/SB35 or its equivalent.
17. Request for Early Publication Under 37 CFR § 1.219. Fee of \$300.00 is enclosed.
18. If a **CONTINUING APPLICATION**, check appropriate box and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:
 Continuation Divisional Continuation in Part (CIP)
of prior Application No: ; Filed

Prior Application Information: Examiner Group/Art Unit:

For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

19. CORRESPONDENCE ADDRESS CUSTOMER NUMBER 00826

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Attorney/Agent of Record: Guy R. Gosnell
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Date of Deposit October 25, 2001

I hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to Box Patent Application, Commissioner For Patents, Washington, DC 20231.

Gwen Frickhoeffer
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